AEE/SSD/SBR/000006/18-19 dt. 03/05/18

M. A. R. 57 (Rule 116) No. D

Measurement Book

58801

Serial No. 1st and Part Bill

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... M/s Incharg Constructions, Bangalore

Date of commencement of work..... D.O.Recwdy. 28.04.2018

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of words :	Imp to Roads and drains at Chikkasandra general Colony Cross-Roads in Ward No.12, Shettyhally in Shettyhalli Sub-Division					
	Estimated cost	= 50.00 Lakhs					
	JOB. No	= 012-18-000012					
	Work order no	= EE/DD/No/175/2017-18 Dt. 30.12.2017					
	Date of Commencement	= 01-01-2018					

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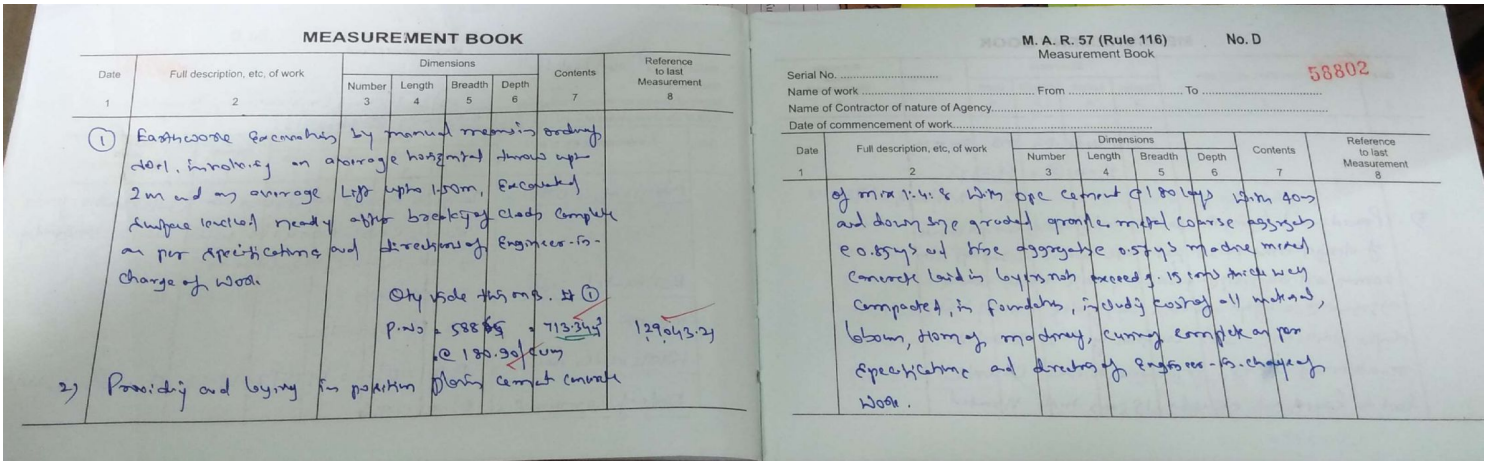

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1)	Earthwork excavation by manual means in ordinary soil, including an average horizontal throw upto 2m and an average lift upto 1.5m, excavated surface leveled neatly after backing clods complete as per specifications and directions of Engineer-in-Charge of work.						
	Qty vide this mb. # (1)						
	P.no 588					713.34	129043.2
	@ 180.90/cum						
2)	Providing and laying in position plain cement concrete						

M. A. R. 57 (Rule 116) No. D
Measurement Book

Serial No. .....
58802
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of mix 1:4:8 using OPC cement @ 180 kgs upto 40mm and down size graded granite metal coarse aggregate 0.85 cum and fine aggregate 0.57 cum moderate metal concrete load in lorry not exceed 4.15 tons thick way compacted, in foundation, including curing all material, labour, tools & machinery, curing complete as per specification and directions of Engineer-in-Charge of work.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8	
			Qty vide this mB. Pg 8868				
			It no. ② :			98.294	
						@ 5309.99/cum Rs	521329.18
5)	Providing and laying in position reinforced cement concrete of design mix M 20 with ope cement @ 320 kgs with 20mm and down size graded granite metal coarse aggregate @ 0.69 m³ and fine aggregate @ 0.460 m³ Qty as per plan cum @ 36% conforming to IS 456-2000, machine mixed Concrete laid in layers not exceeding 15 cms thick Vibrated						

M. A. R. 57 (Rule 116) No. D
Measurement Book
58803

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8	
	for all works in foundations for footings, pedestals, retaining walls, staircase, retaining walls, underground including attached pilasters, columns, pier, abutments, pillars, posts, struts, buttresses, string & lacing courses etc complete as per specifications and direction of Engineer-in-charge work.						
a)	for. dress Bolsters	-			Qty as per It no. ③ print 58878 of this mB		
						= 89.524 m³	

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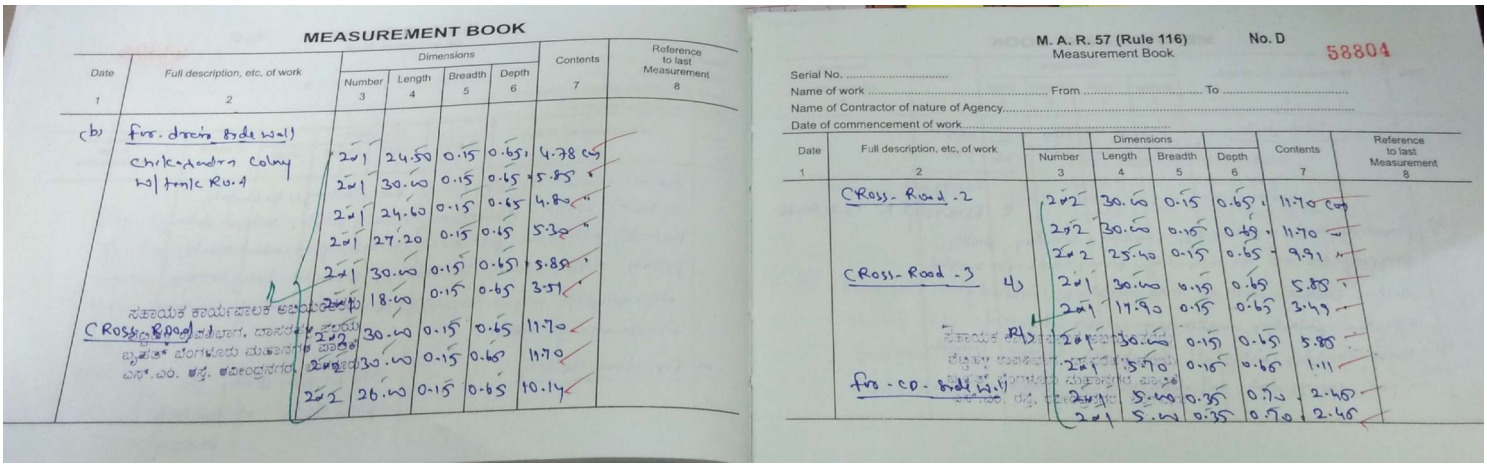

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(b)	For drain Side wall						
	Chikadasara Colony	2	24.50	0.15	0.65	4.78 Cum	
	No 1 Tank Rd-1	2	30.00	0.15	0.65	5.85 "	
		2	24.60	0.15	0.65	4.80 "	
		2	27.20	0.15	0.65	5.30 "	
		2	30.00	0.15	0.65	5.85 "	
		2	18.00	0.15	0.65	3.51 "	
	Cross Road-2	2	30.00	0.15	0.65	11.70 "	
		2	30.00	0.15	0.65	11.70 "	
		2	26.00	0.15	0.65	10.14 "	

M. A. R. 57 (Rule 116) No. D 58804
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross-Road-2	2	30.00	0.15	0.65	11.70 Cum	
		2	30.00	0.15	0.65	11.70 "	
		2	25.40	0.15	0.65	9.91 "	
	Cross-Road-3	2	30.00	0.15	0.65	5.85 "	
		2	17.90	0.15	0.65	3.49 "	
		2	30.00	0.15	0.65	5.85 "	
		2	5.70	0.15	0.65	1.11 "	
	For CD-Side Wall	2	5.00	0.35	0.70	2.45 "	
		2	5.00	0.35	0.70	2.45 "	

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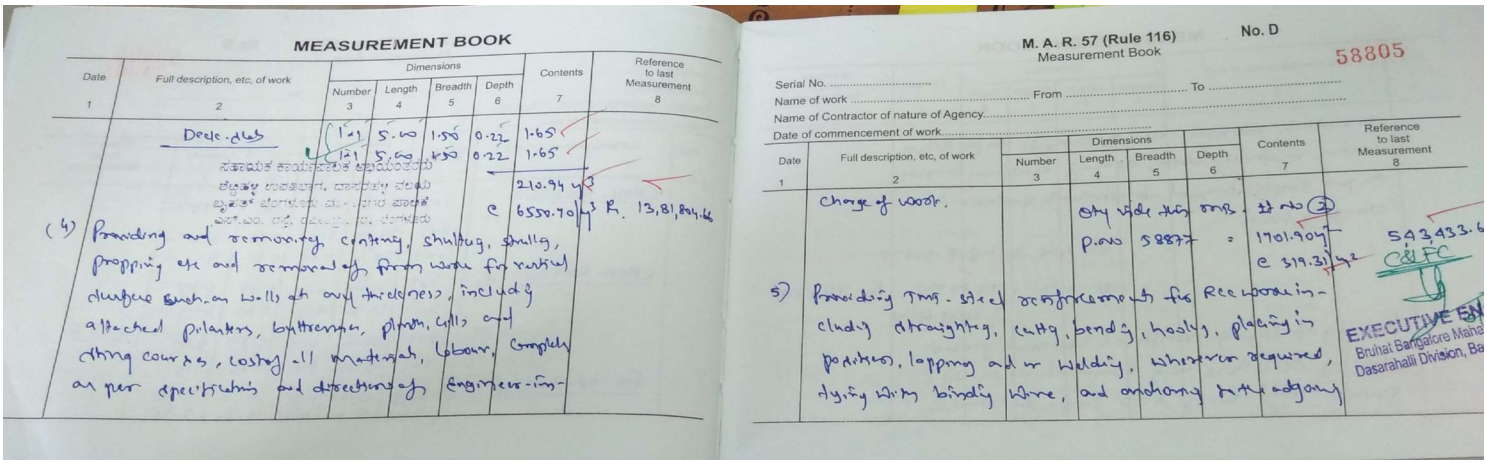

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Deck slab	1	5.00	1.50	0.22	1.65	
		1	5.00	1.50	0.22	1.65	
						210.94 m³	
						@ 6550.70/m³ R. 13,81,894.6	
(4)	Providing and removing centring, shuttering, shuttering, propping etc and removal of from work for vertical surface such as walls of any thickness, including attached pilasters, buttresses, plinth, cills and string courses, costing all materials, labour, Complete as per specifications and directions of Engineer-in-						

M. A. R. 57 (Rule 116) No. D
Measurement Book
58805

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Charge of work.		Qty vide this RMB -			# no (2)	
			P.no 58877	=		1701.90 m²	
						@ 319.31/m²	
5)	Providing TMT - Steel reinforcements for RCC work including straightening, cutting, bending, hooking, placing in positions, lapping and or welding, wherever required, tying with binding wire, and anchoring with adjoining						

543,433.6
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Dasarahalli Division, Ba

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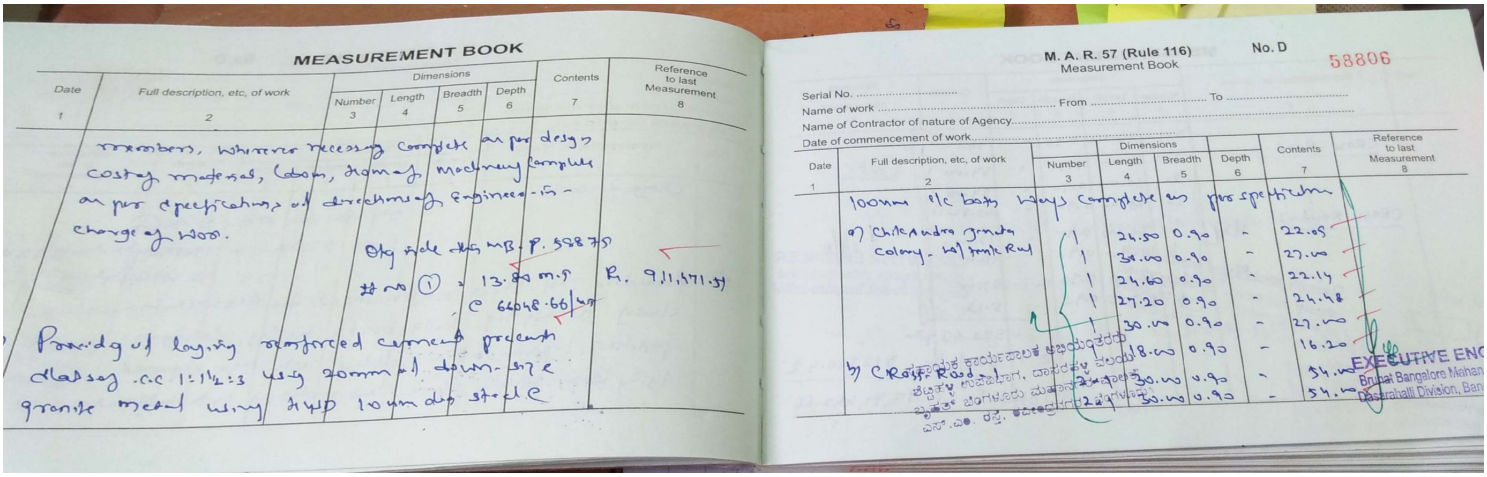

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	xxxxbers, wherever necessy complete as per design costing materials, labour, tools, machinery complete as per specifications, directions of Engineer-in-charge of work.						
	Providing of laying reinforced cement concrete M.Slab using c.c 1:1½:3 using 20mm nominal down-size granite metal using 4MP 10mm dia steel	Qty vide dtg no B/P. 538 /15 ## no (1)				13.80 m.s @ 6404.66/m	Rs. 9,11,471.54

M. A. R. 57 (Rule 116) No. D
Measurement Book
58806

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	100mm thick cc beds using Concrete as per specifications						
	a) Chikkandra Jenata Colony - Main Road	1	24.50	0.90	-	22.05	
		1	30.00	0.90	-	27.00	
		1	24.60	0.90	-	22.14	
		1	27.20	0.90	-	24.48	
		1	30.00	0.90	-	27.00	
	b) CRaja Road -		18.00	0.90	-	16.20	
			30.00	0.90	-	54.00	
			30.00	0.90	-	54.00	

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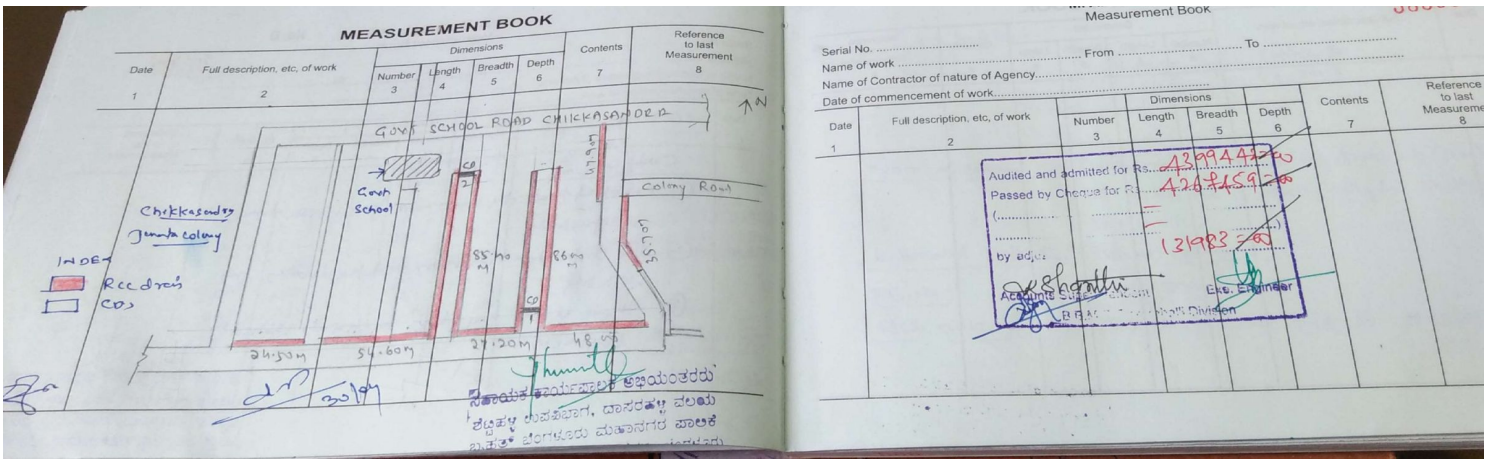

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8

GOVT SCHOOL ROAD CHICKASANDRA

Chikkasandra Janata colony

Govt School

Colony Road

INDEX
Recd Wrks
CD's

24.50m 54.60m 27.20m 48.00m

55.00m 86.00m 55.00m

CD 2 CD 1

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8

Audited and admitted for Rs. 4399442-00
Passed by Cheque for Rs. 4261459-00
(...)
by ...
1319R3 -00

Asst. Executive Engineer
Bangalore

Executive Engineer
Bangalore

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